McGill

SUMMER STUDIES

2011

UNIVERSITY CALENDAR

Course Information, Regulations and Descriptions

Agricultural and Environmental Sciences

AEBI-Biology

Offered by: Plant Science

AEBI 421 Tropical Horticultural Ecology.
(3) (Section 001 (23-May-2011/17-Jun-2011)) (Corequisite(s): AEBI 423, AEBI 425, AEBI 427) (Restriction: Restricted to students that are participating in the Barbados Interdisciplinary Tropical Studies Field Semester) A comprehensive survey of the major fruit, vegetable, turf, and ornamental crops grown in Barbados. Effect of cultural practices, environment, pests and pathogens, social and touristic activities, and importation of horticultural produce on local horticulture.
AEBI 423 Sustainable Land Use.
(3) (Section 001 (27-Jun-2011/27 27-Jun-2011/27

PLNT-Plant Science

Offered by: Plant Science

PLNT 450 Special Topics: Plant Science.
(2) (Section 001 (08-Jul-2011/08-Aug-2011)) A course of independent study by the student with the guidance of a professor of recognized competence in the area of the chosen topic.
PLNT 451 Special Topics: Plant Science 2.
(3) (Section 001 (08-Jul-2011/08-Aug-2011)) A course of independent study by the student with the guidance of a professor of recognized competence in the area of the chosen topic.

Faculty of Arts

ANTH-Anthropology

Offered by: Anthropology

ANTH 201 Prehistoric Archaeology.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) Examination of the origin of cultural behaviour and culture as an adaptive mechanism from the earliest times to the rise of the first civilizations in the Old and New Worlds. The implications of these data concerning the nature of humans and their future development will be considered.
ANTH 202 Comparative Cultures.
(3) (Section 001 (11-Jul-2011/08-Aug-2011)) An introduction to different cultures and societies. Aspects of social life, such as economics, gender, family, kinship, politics and beliefs are explored in diverse settings. Different social systems such as those centered on foraging, farming, and urbanism are illustrated and compared.
ANTH 322 Social Change in Modern Africa.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) (Prerequisite: ANTH 202, or ANTH 204, or ANTH 205, or ANTH 206, or ANTH 209, or ANTH 212, or ANTH 227 or permission of instructor) The impact of colonialism on African societies; changing families, religion, arts; political and economic transformation; migration, urbanization, new social categories; social stratification; the social setting of independence and neo-colonialism; continuity, stagnation, and progressive change.
ANTH 380 Special Topic 1.
(3) (Section 001 (09-May-2011/26-May-2011)) (Prerequisite: Permission of instructor) Topic: Aboriginal Field Studies. Will be held on McGill campus and Kahnawake. Opportunity for students to learn about Aboriginal cultures and worldviews, with an emphasis on Iroquoian teachings and connection to the students' areas of practice. Anthro students who have completed ANTH 338/436 may apply. All should review the outline posted on http://www.mcgill.ca/anthropology/undergraduate/courses/outlines. Supervised reading in special topics under the direction of a member of the staff.

ARTH-Art History

Offered by: Art History & Communication St

ARTH 205 Introduction to Modern Art.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Restriction: Not open to students who have taken ARTH 337 or ARTH 338) The course is an introduction to the modern period in art history which begins around 1750. It examines the development in both painting and sculpture and relates to changes in the social and political climate of the times.

CLAS-Classics

Offered by: History and Classical Studies

CLAS 210 Introductory Latin 1.
(6) (Section 001 (02-May-2011/23-Jun-2011)) A course for beginners.

COMS-Communication Studies

Offered by: Art History & Communication St

COMS 200 History of Communication.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Restriction: Not open to students who have ENGC 200.) The social and cultural implications of major developments in communications from prehistory to the electronic era. Thematic and conceptual introduction to the underlying media technologies and to some key issues and practices of historical thinking about their role in society.

EAPR-English for Academic Purposes

Offered by: English&French Language Centre

EAPR 250 Research Essay & Rhetoric.
(3) (Section 702 (02-May-2011/20-Jun-2011)) (3 hours) (Intended for native speakers of English. For students in all years and faculties.) (Entrance test: Short essay first day of class.) (Restrictions: Not open to students who have taken or are taking ESLN 500. Not open to students who have taken EFRL 250.) (Students who complete EAPR 250 may not subsequently take for credit an Effective Communication course offered by the Faculty of Education.) Principles and use of academic research and genres, rhetorical strategies, and general editing skills.

EAST-Asian Language & Literature

Offered by: East Asian Studies

EAST 230 First Level Chinese.
(9) (Section 001 (02-May-2011/13-Jul-2011)) (Section 002 (02-May-2011/13-Jul-2011)) Introduction to the basic structures of Mandarin Chinese, Pin-yin romanization and 750 characters for reading and writing. Emphasis on developing aural and oral skills through communication games and interaction activities. Animated films are used as part of teaching materials.
EAST 240 First Level Japanese.
(9) (Section 001 (02-May-2011/13-Jul-2011)) Introduction to the basic grammar and sentence patterns of the Japanese language in both oral and written forms. In reading and writing skills students will be introduced to katakana, hiragana and kanji.

ECON-Economics

Offered by: Economics

ECON 208 Microeconomic Analysis and Applications.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Restriction: Not open to students who have taken or are taking ECON 230 or ECON 250) A university-level introduction to demand and supply, consumer behaviour, production theory, market structures and income distribution theory.
ECON 209 Macroeconomic Analysis and Applications.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) (Prerequisites: ECON 208 or permission of the instructor) (Restriction: Not open to students who have taken or are taking ECON 330 or ECON 352) A university-level introduction to national income determination, money and banking, inflation, unemployment and economic policy.
ECON 227 Economic Statistics.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (You may not be able to receive credit for this course and other statistic courses. Be sure to check the Course Overlap section under Faculty Degree Requirements in the Arts or Science section of the Calendar.) Distributions, averages, dispersions, sampling, testing, estimation, correlation, regression, index numbers, trends and seasonals.
ECON 313 Economic Development 1.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) (Prerequisite: ECON 208 and either ECON 209 or one development course.) (Restriction: Not open to students who have taken 154-313D.) Microeconomic theories of economic development and empirical evidence on population, labour, firms, poverty. Inequality and

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Q Denotes courses taught only in alternate years.

‡ Professional Practice (Stage) in Dietetics involving special prerequisites

F Indicates that departmental approval/permission must be obtained by a student prior to registration.

† Denotes courses not available as Education electives.

r Denotes courses with limited enrolment.

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i Denotes courses which, because they are scheduled around practice teaching, are open only to Bachelor of Education students.

environment.
ECON 480 Research Project.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Section 003 (08-Jul-2011/08-Aug-2011)) (Restrictions: Open to U3 students only. Students must complete a Research Project Registration Form, have it signed by the professor who has agreed to supervise the research project, countersigned by an adviser, and submit it to the Department Office in Leacock 443 prior to registering in this course. A student cannot take this course more than once for credit.) In this course students must undertake a research project under close supervision. They must also do such special reading and research as their advisers direct.
ECON 481 Research Project.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Section 003 (08-Jul-2011/08-Aug-2011)) (Restrictions: Open to U3 students only. Students must complete a Research Project Registration Form, have it signed by the professor who has agreed to supervise the research project, countersigned by an adviser, and submit it to the Department Office in Leacock 443 prior to registering in this course. A student cannot take this course more than once for credit.) In this course students must undertake a research project under close supervision. They must also do such special reading and research as their advisers direct.

ENGL-English

Offered by: English

ENGL 215 Introduction to Shakespeare.
(3) (Section 001 (02-May-2011/02-Jun-2011)) A study of a selection of plays, in their intellectual and theatrical context, with an emphasis on the interplay of text and performance.
ENGL 335 The 20th Century Novel 1.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) The Novel from the last years of the 19th century to World War II.

ESLN-English as a Second Language

Offered by: English&French Language Centre

ESLN 299 ESL: Academic English Seminar.
(3) (Section 702 (01-Aug-2011/17-Aug-2011)) (Section 701 (01-Aug-2011/17-Aug-2011)) (Restriction: Open only to students whose first language is not English and who are newly admitted at McGill (into Year 0 or Year 1) to a Bachelor program in the following fall. The course is designed to assist these new students integrate into the English language milieu at McGill. Classroom instruction, and language laboratory required: 5 hours per week (approximately) outside class time.) (Restriction: Ce cours s'adresse aux étudiants dont la langue maternelle n'est pas l'anglais et qui sont nouvellement admis (en première année d'université) à McGill à un programme de 1er cycle à l'automne suivant. Il est conçu pour faciliter leur intégration dans le milieu anglophone de McGill. Cours réguliers, et laboratoire de langue obligatoire; 5 heures par semaine en dehors des heures de cours.) With materials from across the curriculum the course prepares students to meet the expectations of the university classroom: note taking and summary of lectures; paraphrase and summary of written and multimedia materials; oral and seminar presentations. Development of critical thinking, reading, writing, listening, and speaking skills and strategies. Au moyen de documents tirés de divers programmes offerts à McGill, ce cours prépare les étudiants aux exigences des cours universitaires : prendre des notes, faire des exposés oraux, résumer (cours magistraux, documents oraux, écrits et multimédias). Développement du raisonnement critique, lectures, écoutes, rédactions, habiletés et stratégies de communication.

FREN-French

Offered by: French Language & Literature

FREN 355 Littérature du 20e siècle 1.
(3) (Section 001 (02-May-2011/02-Jun-2011)) Étude d'oeuvres, d'auteurs ou de courants de la littérature française depuis 1900.
F FREN 551 Lectures guidées 2.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Restriction : Réservé aux étudiants du Département.) Lectures personnelles ayant pour but de permettre à l'étudiant de combler une lacune ou de satisfaire un intérêt personnel. Admission sur autorisation spéciale.
F FREN 599 Stage en milieu de travail.
(3) (Section 001 (03-Jun-2011/07-Jul-2011)) (Ouvert aux étudiants de U3 avec une moyenne de 3,3 pour l'ensemble du programme, dans un programme de Spécialisation ou de Concentration majeure du Département; les trois crédits comptent parmi les crédits libres (" electives "); permission du comité des études requise. Pour les étudiants de M.A. ou de Ph.D., permission du comité des études de 2e et 3e cycles; à noter que ces crédits ne peuvent pas compter comme crédits de programme de M.A. ou de Ph.D. Une description complète des exigences et des modalités du stage sera affichée sur le site web du Département. Ces exigences sont les suivantes : présentation par l'étudiant d'un projet de stage précisant quelle sera l'institution hôte et en quoi consistera le stage; présentation par l'étudiant d'un compte rendu de son stage approuvé par un superviseur de l'institution hôte; et rédaction d'un travail universitaire sur un sujet relié au stage.) Stage en milieu de travail dans une institution ou organisation approuvée.

FRSL-French as a Second Language

Offered by: English&French Language Centre

FRSL 101 Beginners' French.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (Language laboratory and oral practice with a French monitor) (Prerequisite: Placement test) (Restriction: Not open to students who have taken FRSL 201 or FRSL 205) A comprehensive introduction to basic vocabulary, grammatical structures and speech patterns of written and oral French for students in any degree program having no previous knowledge of French. Learning to communicate at a functional level in a French social milieu, short essays, cultural readings, mandatory lab practice and conversation class.
FRSL 207 Elementary French 01.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (Language laboratory) (Prerequisite: Placement test) (Restriction: Not open to students who have taken Grade 12 or 13 French in Canada, or equivalent) Review and further training in basic structures, with emphasis on oral expression and listening comprehension. Awareness of French culture developed through audio-visual material and selected readings.
FRSL 211 Oral and Written French 1.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (Language laboratory) (Prerequisite: Placement test. Open to students in any degree program having an elementary knowledge of French and to those who have completed FRSL 207) (Restriction: Not open to students from Québec) Language lab attendance required. Grammar review, comprehension, vocabulary development, selected readings and group discussions.

GERM-German

Offered by: German Studies

GERM 202 German Language, Beginners'.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (6 hours, plus 1 hour laboratory) A comprehensive first-level course designed to develop communicative skills.
GERM 307 German Language - Intermediate.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (6 hours) (Prerequisite: GERM 202 or GERM 200, or equivalent, or permission of Department) Review of grammar, further development

of basic skills; literary and cultural readings.

HISP-Hispanic Studies

Offered by: Hispanic Studies

HISP 210 Spanish Language: Beginners'.
(6) (Section 001 (02-May-2011/23-Jun-2011)) (Section 002 (02-May-2011/23-Jun-2011)) A comprehensive first-level course focusing on all oral and written skills. An introduction to the fundamentals of Spanish grammar and syntax and to Hispanic culture.
HISP 219 Spanish Language Intensive - Intermediate.

MUAR-Music-Arts Faculty

Offered by: Music Research

MUAR 201 Basic Materials: Western Music.
(3) (Section 001 (03-Jun-2011/07-Jul-2011)) (3 hours) A combination of elementary theory and ear training (sightsinging and aural recognition), and basic piano skills. Topics include: notation of pitch and rhythm, intervals, scales and modes, concept of key, triads and seventh chords, introductory melody and accompaniment writing.

MUAR 211 The Art of Listening.
(3) (Section 001 (03-Jun-2011/07-Jul-2011)) (3 hours) An introduction to the major forms and styles in Western music from the baroque to the present, with emphasis on guided listening in the classroom. The ability to read music is not a prerequisite.

MUAR 392 Popular Music after 1945.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (3 hours) (Prerequisite: MUAR 201 or MUAR 211 or permission of instructor) An historical survey of major artists, genres, and styles in the most widespread traditions of postwar commercial music. The course will include practice in techniques of listening, discussion of the shaping institutions of commercial music, and consideration of the interaction of musical style and culture.

SWRK-Social Work

Offered by: Social Work

SWRK 224 Human Development Across the Lifespan.
(3) (Section 001 (03-May-2011/14-Jun-2011)) (Restriction: Limited to BSW U1 students) Physical, cognitive, emotional, behavioural and social development in different stages of the life course with a focus on childhood and adolescence. Human development in different social contexts. Theory and research as it relates to social work practice.

SWRK 322 Field Practice 1.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Restrictions: Limited to BSW students. Not open to students who have taken SWRK 355.) Supervised educational experiences in social work practice designed to integrate practice and theory.

SWRK 323 Field Practice 2.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Prerequisite: SWRK 322) (Restrictions: Limited to BSW students. Not open to students who have taken SWRK 356.) Supervised educational experiences in social work practice designed to integrate practice with theoretical knowledge.

SWRK 420 Advanced Field Practice 1.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Prerequisite: SWRK 323) (Restrictions: Limited to BSW U3 and 2-year BSW students) Supervised educational experience in social work practice at an advanced level.

SWRK 421 Advanced Field Practice 2.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Restriction: Limited to BSW U3 and 2-year BSW students completing their last practicum) Supervised educational experience in social work practice at an advanced level.

SWRK 423 Social Work Research.
(3) (Section 001 (03-May-2011/14-Jun-2011)) (Prerequisite: SWRK 326) (Restrictions: Limited to BSW students. Not open to students who have taken SWRK 401.) Appraising and analyzing social work practice research, including the perspectives of the authors, the literature reviewed, the practice questions, the research methodology and analysis and the implications of the findings for practice.

SWRK 471 Tutorial in Social Work Research.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Prerequisite: SWRK 401 or equivalent) (Restriction: Limited to BSW U3 and 2-year BSW students) Opportunity for interested students to conduct a small-scale practical research project, either individually or in a small group, with tutorial assistance from staff members.

SWRK 485 Tutorial: Social Work Practice.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Restriction: Limited to BSW U3 and 2-year BSW students) An individual or small group tutorial in which students will work independently in conjunction with the instructor. The student will undertake a project related to the area of specialization.

SWRK 486 Tutorial in Social Policy.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Section 002 (03-Jun-2011/07-Jul-2011)) (Restrictions: Limited to BSW U3 students. Not open to students who have taken SWRK401.) An individual or small group tutorial in which students will work independently in conjunction with the instructor. The student will undertake a project related to the area of specialization.

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Interfaculty, B.A. & Sc.

BASC-Arts & Science

Offered by: Science

BASC 396 Undergraduate Research Project.
(3) (Section 001 (01-May-2011/31-Aug-2011)) (Prerequisites: At least one term of undergraduate studies, and a CGPA of at least 3.0; or permission of instructor.) (Restrictions: Permission required via the Office of Undergraduate Reseach in Science (OURS). Student cannot be supervised by same instructor for two 396 courses. S/U option not permitted. Only open to students in BA&Sc programs.) (Students are advised to start the application process well before the start of the term and to plan for an alternative course in the case that no suitable project is available. Individual projects may be suggested each term which may have project-specific prerequisites. Students may also approach professors to devise their own projects. See http://www.mcgill.ca/science/ours for more information about available projects and application forms and procedures.) (For projects that are not integrative, students should consider other research project or independent study courses offered by the Faculties of Arts or Science.) Independent research project which integrates both an Arts and Science discipline.

Faculty of Education

EDEA-Arts Education

Offered by: Integrated Studies in Ed

EDEA 206 1st Year Professional Seminar.
(1) (Section 001 (14-Apr-2011/05-May-2011)) (Corequisite: EDFE 205) (Special registration dates February 3 to February 25, 2011) This seminar along with First Field Experience (Music) serves as an orientation to the culture of the school and to teaching as a profession. Emphasis is on the general functioning of elementary and secondary schools. Topics include the role of the arts in the curriculum. Professional portfolios and professional competencies will be addressed.

EDEC-Curriculum and Instruction

Offered by: Integrated Studies in Ed

EDEC 201 First Year Professional Seminar.
(1) (Section 001 (14-Apr-2011/05-May-2011)) (Corequisite: EDFE 200) (Restriction: Open to B.Ed. Secondary and B.Ed. K/Elem. students only) (Special registration dates February 3 to February 25, 2011) Orientation to the culture of the school and to teaching as a profession, focusing on the general functioning of schools. Professional portfolios will be introduced.
EDEC 215 English Language Requirement.
(0) (Section 001 (18-May-2011)) (Section 002 (18-May-2011)) (Restriction: EDEC 202 must be completed before second attempt) This English Exam for Teacher Certification is a MELS requirement for teaching in the Quebec English school system. Consists of a 2-hour exam designed to assess teacher candidates' competency in the language of instruction. Must be completed before the 3rd Field Experience. Students are permitted four attempts to pass. Students who do not pass after four attempts must withdraw from the teacher preparation program.
EDEC 253 Second Professional Seminar (Kindergarten/Elementary).
(1) (Section 001 (20-Apr-2011/11-May-2011)) (Section 002 (20-Apr-2011/11-May-2011)) (Section 003 (21-Apr-2011/12-May-2011)) (Section 004 (21-Apr-2011/12-May-2011)) (Section 005 (20-Apr-2011/11-May-2011)) (Corequisite: EDFE 256) (Restriction: Open to B.Ed.(K/Elem) students.) (Special registration dates February 3 to February 25, 2011) Preparation for the second field experience through development of basic practices in planning and teaching in elementary school classrooms. Professional portfolios and competencies will be addressed.
EDEC 254 Second Professional Seminar (Secondary).
(1) (Section 001 (20-Apr-2011/11-May-2011)) (Section 002 (20-Apr-2011/11-May-2011)) (Section 003 (21-Apr-2011/12-May-2011)) (Corequisite(s): EDFE 254) (Restrictions: Open to B.Ed. Sec and concurrent B.Sc. and B.Ed. students.) (Special registration dates February 3 to February 25, 2011) Preparation for the second field experience through development of basic practices in planning and teaching in secondary school classrooms. Competencies and professional portfolios will be addressed.

EDFE-Student Teaching

Offered by: Education - Dean's Office

EDFE 200 First Field Experience (K/Elem & Secondary).
(2) (Section 001 (26-Apr-2011/09-May-2011)) (Corequisite: EDEC 201) (Restriction: Open to B.Ed. Secondary and B.Ed. K/Elem. students) (Special registration dates February 3 to February 25, 2011) Students are assigned to a school for a "participant observer" field experience for a minimum of 10 days.
EDFE 205 First Field Experience (Music).
(2) (Section 001 (18-Apr-2011/03-May-2011)) (Corequisite: EDEA 206) (Special registration dates February 3 to February 25, 2011) Ten days of observation and some limited teaching in an elementary school under the supervision of a cooperating music teacher.
EDFE 208 Second Field Experience (Music).
(3) (Section 001 (26-Apr-2011/13-May-2011)) (Prerequisite: EDFE 205.) (Restrictions: Students in B.Ed. in Music and concurrent B.Ed./B.Mus. Not open to students who have taken EDFE 207.) (Note: Expectations for this field experience, according to your program can be found at www.mcgill.ca/ost.) (Special registration dates February 3 to February 25, 2011) A minimum of 15 days of supervised teaching in a school.
EDFE 246 First Field Experience (Physical Education).
(3) (Section 001 (26-Apr-2011/13-May-2011)) (Prerequisite: EDKP 342) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost.) (Special registration dates February 3 to February 25, 2011) A minimum of 15 days of supervised student teaching in Physical Education in an elementary school.
EDFE 254 Second Field Experience (Secondary).
(3) (Section 001 (26-Apr-2011/13-May-2011)) (Prerequisite: EDEC 201 and EDFE 200) (Corequisite: EDEC 254) (Note: Expectations for this field experience, according to your program, can be found at www.mcgill.ca/ost.) (Special registration dates February 3 to February 25, 2011) A minimum of 15 days of supervised student teaching in a school.
EDFE 255 Second Field Experience (TESL).
(3) (Section 001 (26-Apr-2011/13-May-2011)) (Prerequisites: EDSL 210, EDFE 209.) (Corequisite: EDSL 255) (Restrictions: Open only to B.Ed. TESL students. Not open to

lecture day and withdrawal is the fourth lecture day.)
F †EDKP 250 Practicum 1.
(1) (Section 001 (25-May-2011/08-Jun-2011)) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) A practical work-study experience with a focus on instruction and leadership in fitness. Work will be in a community placement under a qualified sponsor selected with the approval of the Department.
EDKP 300 Special Topics 02.
(1) (Section 001 (25-May-2011/08-Jun-2011)) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.) Content will vary from year to year and will be announced prior to registration. The course will be given by a single instructor or by a group, as the occasion warrants.
EDKP 336 Lacrosse.
(1) (Section 001 (25-May-2011/08-Jun-2011)) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.)
EDKP 400 Special Topics 03.
(1) (Section 001 (25-May-2011/08-Jun-2011)) (Due to the intensive nature of this course, the standard add/drop and withdrawal deadlines do not apply. Add/drop is the second lecture day and withdrawal is the fourth lecture day.)
F †EDKP 450 Practicum 3.
(3) (Section 001 (01-May-2011/31-Aug-2011)) (Prerequisites: EDKP 250 and EDKP 350) A work-study experience with a focus on administration and program development in fitness. Work will be in a community placement under a qualified sponsor selected with the approval of the Department.
F EDKP 451 Personal Trainer Practicum.
(3) (Section 001 (01-May-2011/31-Aug-2011))
F EDKP 453 Research Practicum in Kinesiology.
(3) (Section 001 (01-May-2011/31-Aug-2011)) (Prerequisites: EDKP 206, EDKP 395.) (Note 1: EDKP 453D1 and EDKP 453D2 together are equivalent to EDKP 453) Supervised directed study and research leading to the development of a formal undergraduate thesis proposal.

EDPC-Ed Psych & Couns (Counselling)

Offered by: Educational&Counselling Psych

EDPC 503 Human Sexuality: Professionals.
(3) (Section 001 (03-May-2011/16-Jun-2011)) (Section 002 (03-May-2011/16-Jun-2011)) Historical, biological, anthropological, psychological and sociological perspectives of human sexual development. Sexual dysfunctions and approaches to sex therapy. Attitudes toward sexuality held by professional helpers relative to their implications for the learning and teaching of human sexuality and sex therapy.

QEDPC 508 Seminar in Special Topics.
(3) (Section 001 (02-May-2011/20-Jun-2011)) (Offered through Summer Studies.) Content will vary from year to year and will be announced prior to registration. The seminar may be given by a single instructor or by a group, as the occasion warrants.

EDPE-Ed Psych & Couns (Psychology)

Offered by: Educational&Counselling Psych

† EDPE 300 Educational Psychology.
(3) (Section 001 (03-May-2011/16-Jun-2011)) (Section 002 (03-May-2011/16-Jun-2011)) Selected theories, models, and concepts relevant to planning and reflecting upon educational practice and improvement. Overview of development, learning, thinking, motivation, individual difference, etc. In relation to applications in classroom teaching and learning, the complementary role of counsellors and psychologists, educational computing and technology. The Youth Protection Act.

EDPE 564 Family Communication.
(3) (Section 001 (05-Jul-2011/18-Aug-2011)) (May be offered through Summer Studies) Family communication processes and interpersonal reactions in the context of marriage and the contemporary family will be considered. Attention will be given to role changes and the effect of crises on marital and family relationships.
EDPE 575 Educational Measurement.
(3) (Section 001 (02-May-2011/20-Jun-2011)) (Offered through Continuing Education and Summer Studies.) Statistical measurements in education, graphs, charts, frequency distributions, central tendencies, dispersion, correlation, and sampling errors.
r F EDPE 595 Seminar in Special Topics.
(3) (Section 001 (02-May-2011/20-Jun-2011)) (Restriction: Permission must be obtained from the Department before registration.) The content of the seminar will vary from year to year and will be announced prior to registration. The seminar may be given by a single instructor or by a group, as the occasion warrants.

EDPI-Ed Psych & Couns (Inclusive)

Offered by: Educational&Counselling Psych

EDPI 309 Exceptional Students.
(3) (Section 001 (11-Jul-2011/08-Aug-2011)) (Section 002 (11-Jul-2011/08-Aug-2011)) (Restriction: Open to B.Ed. and Concurrent students only.) (Offered through Continuing Education or Summer Studies.) Evolution of special education to inclusive education; characteristics, teaching practices, and teachers' roles in inclusive classrooms. Overview of characteristics, causes, needs, and teaching strategies for students with each exceptionality, including students with intellectual, emotional, behavioural, sensory, physical and learning differences.

QEDPI 450 Computers and Special Needs.
(3) (Section 001 (11-Jul-2011/08-Aug-2011)) (May be offered through Continuing Education.) Overview of the role and contribution of computers in relation to students with exceptionalities. Review of instructional uses of computers, applications for modifying and teaching curriculum applications for specific learning needs, assistive devices for students with sensory and physical disabilities, and resources for students and teachers.
EDPI 543 Family, School and Community.
(3) (Section 001 (03-May-2011/16-Jun-2011)) (Offered through Summer Studies and Continuing Education.) Examination of family, school, community and societal influences on student growth, development and adjustment. Emphasis on family perspectives, school orientation, community services, and community collaboration. Application component: using knowledge and skills in the field.

EDPT-Ed Psych & Couns (Media)

Offered by: Educational&Counselling Psych

s EDPT 200 Integrating Educational Technology in Classrooms.
(3) (Section 001 (03-May-2011/16-Jun-2011)) (Also offered through Continuing Education and Summer Studies) The course is designed to help practicing and future teachers integrate technology (e.g. web-based resources, hypermedia, digital video) in their daily teaching practices. It is a practical, hands-on course that is grounded in constructivist learning theory. The participants will learn by engaging in authentic tasks in a project-based learning environment.

EDSL-Education in Second Languages

Offered by: Integrated Studies in Ed

EDSL 512 Grammar in Teaching English as a Second Language.
(3) (Section 047 (04-Apr-2011/27-Jun-2011)) (Prerequisite: EDSL 505) (Restriction: Restricted to students in the Graduate Certificate in TESL) Analysis of English grammar at phonological, morphological, syntactic, semantic, and discourse levels. Applications are made to second language teaching and

learning, focusing on integrating grammar into communicative language approaches.

EDTL-Education Teaching & Learning

Offered by: Integrated Studies in Ed

EDTL 506 Philosophy of Education.
(3) (Section 001 (04-Apr-2011/28-Jun-2011)) An exploration of philosophical underpinnings of educational theories as they inform professional practice. Reflections on aims of education, knowledge and values, nature of schooling and curriculum, roles and responsibilities of professional educators. All addressed through the development of professional competencies.

EDTL 508 Critical Influences on Educational Praxis.
(3) (Section 001 (18-Jul-2011/29-Jul-2011)) Implications of intercultural/multicultural, global, environmental and social justice advances as these affect critical thinking and inform practice in the classroom. Addressed through the development of professional competencies.

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Faculty of Engineering

BMDE-Biomedical Engineering
Offered by:

microanalytical techniques for materials characterization. Bulk analysis: spectrophotometry using UV, visible, flame and atomic absorption, x-ray diffraction and x-ray fluorescence. Surface and microanalysis: infrared spectroscopy, scanning and transmission electron microscopy, Auger electron and x-ray photoelectron spectroscopy.

MIME 345 Applications of Polymers.
(3) (Section 001 (01-Jun-2011/22-Jul-2011)) ((3-1-5)) (Prerequisite: MIME 261 or permission of instructor.) (This course in the Faculty of Engineering is open only to McGill students.) Applications of synthetic and natural polymers and composites as engineering materials, e.g. in biomedical, automotive and aerospace applications. Thermoplastics, thermosets and elastomers. Animal and plant origin, degradable and non-degradable polymers. Particulate and fibre reinforced polymer matrix composites. Manufacturing routes, and characterization tools for their physical, thermal, mechanical and chemical properties.

MIME 350 Extractive Metallurgical Engineering.
(3) (Section 001 (20-Jun-2011/29-Jul-2011)) ((3-1-5)) (Prerequisites: MIME 200 or MIME 250, MIME 212) (This course in the Faculty of Engineering is open only to McGill students.) Principle non-ferrous base-metal pyrometallurgical extraction processes, relevant thermodynamics, heat and mass balances, transport phenomena (copper, nickel, lead, zinc, aluminum, magnesium). Ores, gangue, fuels, slag, fluxes, recovery, refining, minor elements, byproducts and the environment. Roasting, drying, smelting, converting, reverberatory furnaces, flash furnaces, continuous and batch operations, injection practices and oxygen enrichment. Simulation, modelling, control and optimization.

MIME 380 Industrial Training 2.
(2) (Section 001 (02-May-2011/26-Aug-2011)) (Prerequisite: MIME 280) (Restriction: Open only to McGill students.) One four-month work period in industry. Work term report due upon completion.

MIME 392 Industrial Work Period 3.
(2) (Section 001 (02-May-2011/26-Aug-2011)) (Prerequisite: 75 credits including MIME 291) (This course in the Faculty of Engineering is open only to McGill students.) A four-month industrial work period in a mining company, research laboratory or government agency. Based on the experience gained during the first two work periods, the student may be asked to undertake more challenging technical tasks. A complete report must be submitted at the end of the term.

MIME 410 Research Project.
(3) (Section 001 (02-May-2011/26-Aug-2011)) ((0-6-3)) (Prerequisite: Recommendation of instructor) (This course in the Faculty of Engineering is open only to McGill students.) A research project will be carried out, usually in groups, under the guidance of a staff member. A technical report will be prepared at the end and a formal presentation will be made on the research topic.

MIME 419 Surface Mining.
(3) (Section 001 (05-May-2011/23-Jun-2011)) ((3-3-3)) (Prerequisite (Undergraduate): MIME 322, MIME 333 and MIME 325) (This course in the Faculty of Engineering is open only to McGill students.) Choice of a surface mining method. Analysis of soil and rock mass properties related to surface mining. Calculation and monitoring of stripping ratios, ultimate pit depth, slope stability, rock reinforcement, bench and berm dimensioning and ramp design. Loading and hauling systems. Surface layout and development. Water drainage systems. Production and cost analysis. Computerized design techniques.

MIME 422 Mine Ventilation.
(3) (Section 001 (03-May-2011/21-Jun-2011)) ((3-3-3)) (Prerequisite: MIME 340) (Restriction: Not open to students who have taken MPMC 422.) (This course in the Faculty of Engineering is open only to McGill students.) Statutory regulations and engineering design criteria. Occupational health hazards of mine gases, dusts, etc. Ventilation system design. Natural and mechanical ventilation. Measuring and modelling air flow in ventilation networks. Calculation of head losses. Selection of mine ventilation fans. Air heating and cooling. Aspects of economics.

MIME 480 Industrial Training 3.
(2) (Section 001 (02-May-2011/26-Aug-2011)) (See details listed under MIME 481) (Prerequisite: MIME 380) (Restriction: Open only to McGill students.) Four-month work period in industry. Work term report with co-op seminar due upon completion.

Desautels Faculty of Management

BUSA-Business Admin

Offered by: Management

BUSA 364 Business Law 1.
(3) (Section 051 (02-May-2011/20-Jun-2011)) (Restriction: This course cannot be double-counted from the Certificate in Management.) An introduction to the legal system and basic legal principles affecting business. Tort negligence, contracts, forms of business organization, creditors' rights and bankruptcy.

BUSA 391 International Business Law.
(3) (Section 061 (03-May-2011/16-Jun-2011)) (Prerequisite: MGCR 382) Introduction to the legal aspects of foreign trade and investment transactions. Forms and documentation of types of foreign trade contracts. Conflict avoidance, arbitration, and litigation arising from international transactions. Government regulation of foreign trade. Legal aspects of the international transfer of investments and technology. Conventions and institutions of international economic cooperation (e.g. GATT, ICC, IMF, etc.).

BUSA 434 Topics in General Management.
(3) (Section 051 (04-Jul-2011/17-Aug-2011)) (Note: Topics vary from year to year) Topics in management.

BUSA 481 Managing in North America.
(3) (Section 017 (04-Jul-2011/29-Jul-2011)) (Prerequisite: MGCR 382) (Corequisite: BUSA 356) (Restriction: U2 and U3 students) Analysis of corporate strategies in the context of Canada-United States-Mexico Free Trade Agreement. Emphasis on public policy's impact on corporate decision-making and implications for management. Examines bilateral experience of major industrial sectors compared with global corporate strategies. Theoretical and empirical literature combined with industrial histories, policy and management case studies.

FINE-Finance

Offered by: Management

FINE 441 Investment Management.
(3) (Section 061 (05-Jul-2011/18-Aug-2011)) (Prerequisite: MGCR 341) Application of investment principles and security analysis to the selection and comparison of equity and fixed income securities in the current economic and financial environment. Also covered are: determinants of stock prices, growth models and portfolio diversification.

MGCR-Management Core

Offered by: Management

MGCR 211 Introduction to Financial Accounting.
(3) (Section 061 (03-May-2011/16-Jun-2011)) The role of financial accounting in the reporting of the financial performance of a business. The principles, components and uses of financial accounting and reporting from a user's perspective, including the recording of accounting transactions and events, the examination of the elements of financial statements, the preparation of financial statements and the analysis of financial results.

MGCR 222 Introduction to Organizational Behaviour.
(3) (Section 051 (02-May-2011/20-Jun-2011)) (Section 061 (03-May-2011/16-Jun-2011)) Gm8.2 291.6 Tm /F0 8nancial 1 396 207.6 Tm uc 0 0 1 36 207.6 Tm /F1 7.5 Tf 1aviour.ebing of the financial

ORGB-Organizational Behaviour

Offered by: Management

ORGB 380 Cross Cultural Management.
(3) (Section 013 (02-May-2011/27-May-2011) is part of the Summer Abroad Brazil Program) (Restriction: Open only to U2 and U3 students.) Addresses dilemmas and opportunities that managers experience in international, multicultural environments. Development of conceptual knowledge and behavioural skills (e.g. bridging skills, communication, tolerance of ambiguity, cognitive complexity) relevant to the interaction of different cultures in business and organizational settings, using several methods including research, case studies and experiential learning.

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Schulich School of Music

MUHL-Music History and Literature

Offered by: Music Research

MUHL 186 Western Musical Traditions.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (3 hours) A survey of Western music from the Middle Ages to the present. Emphasis

analytical skills for the purpose of gaining insight into 20th-century principles and techniques.

MUTH 475 Special Project.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Prerequisites: MUTH 211 or MUCO 240D1/D2 or MUTH 250, and MUSP 231 or MUSP 241, and MUSP 171) Philosophy and Aesthetics of Music Production: aesthetic philosophic, technologic and artistic considerations on decision making and the ways in which music is produced, written, presented and heard; sociologic and artistic implications of changing technology in the arts. For details contact the Department of Music Research.

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Faculty of Religious Studies

RELG-Religious Studies

Offered by: Religious Studies

RELG 210 Jesus of Nazareth.
(3) (Section 001 (11-Jul-2011/08-Aug-2011)) A critical study of selected ancient and modern accounts of the aims and person of Jesus. Attention will be given also to the question of the historical sources and to the relationship between faith and history.

RELG 256 Women in Judaism and Islam.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) The course will not be held on June 8 and 9 because of the Jewish holiday Shavuot. The classes will be held on Fridays June 10 and 17 instead. The role of women in Judaism and Islam from the point of view of institutionalized religious traditions and of women's religious subjectivity; how women's spiritual and social roles within their religious traditions are shaped by Revealed Law, Holy Text and the Authority of Interpretation. Comparative sociology of religion approach.

Faculty of Science

ANAT-Anatomy & Cell Biology

Offered by: Anatomy and Cell Biology

ANAT 432 Honours Research Project.
(9) (Section 001 (02-May-2011/31-Jul-2011)) (Prerequisite: BIOL 301) (Restriction: For students in the Honours program.) (Course opened to all Anatomy & Cell Biology students and other BSc students by special permission only.) Supervised honours research project in biological sciences.

BIOL-Biology

Offered by: Biology

BIOL 202 Basic Genetics.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (3 hours lecture, 1 hour optional tutorial) (Prerequisite: BIOL 200.) (Restriction: Not open to students who have taken or are taking CELL 204.) IntrrsJET q 0 0 0 RG 1 q

interested in scientific computation. COMP 202 cannot be taken for credit with or after COMP 250) Overview of components of microcomputers, the internet design and implementation of programs using a modern high-level language, an introduction to modular software design and debugging. Programming concepts are illustrated using a variety of application areas.

COMP 396 Undergraduate Research Project.
(3) (Section 001 (02-May-2011/31-Aug-2011)) (3 hours) (Restrictions: This course cannot be taken under the S/U option. Departmental permission required. Students cannot be supervised by the same instructor for two 396 Science courses. Open to students in programs offered by the Faculty of Science only.) (Note: Enrolment may be limited. Students are advised to start the application process well before the start of the term and to plan for an alternative course in the case that no suitable project is available. Individual projects will be suggested each term which may have project-specific prerequisites. Some projects may be accessible to students in other disciplines. See http://www.mcgill.ca/science/ours for more information about available projects and application forms and procedures.) Independent research project with a final written report.

COMP 400 Technical Project and Report.
(3) (Section 001 (02-May-2011/31-Aug-2011)) (3 hours) (Prerequisites: 15 Computer Science credits.) (Restriction: For Honours students) A computer related project, typically a programming effort, along with a report will be carried out in cooperation with a staff member in the School of Computer Science.

EPSC-Earth & Planetary Sciences

Offered by: Earth & Planetary Sciences

EPSC 231 Field School 1.
(3) (Section 001 (30-Apr-2011/14-May-2011)) (Prerequisite: EPSC 203, EPSC 212, or equivalent) Geological mapping of selected areas, preparation of maps, reports from field notes, aerial photographs, etc.

EPSC 331 Field School 2.
(3) (Section 001 (30-Apr-2011/14-May-2011)) (Two-week intensive field school to a range of national and international locations.) (Prerequisites: enrolment in U2 or U3 EPS program and permission of the instructor.) (Alternates years with EPSC 341.) Two week field studies in selected branches of the geosciences.

GEOG-Geography

Offered by: Geography

GEOG 302 Environmental Management 1.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (3 hours) (Prerequisite: Any 200-level course in Geography or MSE or BIOL 208 or permission of instructor.) An ecological analysis of the physical and biotic components of natural resource systems. Emphasis on scientific, technological and institutional aspects of environmental management. Study of the use of biological resources and of the impact of individual processes.

GEOG 490 Geography: Independent Studies.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Prerequisites: Permission of instructor and completion of 30 credits of courses at the 200 level or above.) (Note: Before registration a project must be arranged with an instructor and a plan for the independent studies approved by the Department.) Research project permitting independent study under the guidance of a staff member specializing in the field of interest.

GEOG 495 Field Studies - Physical Geography.
(3) (Section 001 (16-May-2011/03-Jun-2011)) (2-week field school) (Prerequisites: 6 credits from the following list of Systematic Physical Geography courses: GEOG 305, GEOG 321, GEOG 322, GEOG 350, GEOG 372) Field research projects in physical geography. Held locally in Monteregian or Eastern Township regions. The course is organised around field projects designed to formulate and test scientific hypotheses in a physical geography discipline. May Summer session. Preregistration in Department required by March 15.

MATH-Mathematics & Statistics

Offered by: Mathematics and Statistics

MATH 133 Linear Algebra and Geometry.
(3) (Section 001 (02-May-2011/02-Jun-2011)) (Prerequisite: a course in functions) (Restriction: Not open to students who have taken MATH 221 or CEGEP objective 00UQ or equivalent.) (Restriction Note B: Not open to students who have taken or are taking MATH 123, MATH 130 or MATH 131, except by permission of the Department of Mathematics and Statistics.) Systems of linear equations, matrices, inverses, determinants; geometric vectors in three dimensions, dot product, cross product, lines and planes; introduction to vector spaces, linear dependence and independence, bases; quadratic loci in two and three dimensions.

MATH 140 Calculus 1.
(3) (Section 001 (06-Jun-2011/07-Jul-2011)) (3 hours lecture, 1 hour tutorial) (Prerequisite: High School Calculus) (Restriction: Not open to students who have taken MATH 120, MATH 139 or CEGEP objective 00UN or equivalent) (Restriction: Not open to students who have taken or are taking MATH 122 or MATH 130 or MATH 131, except by permission of the Department of Mathematics and Statistics) (Each Tutorial section is enrolment limited) Review of functions and graphs. Limits, continuity, derivative. Differentiation of elementary functions. Antidifferentiation. Applications.

MATH 141 Calculus 2.
(4) (Section 001 (02-May-2011/02-Jun-2011)) (Section 004 (11-Jul-2011/08-Aug-2011)) (Prerequisites: MATH 139 or MATH 140 or MATH 150.) (Restriction: Not open to students who have taken MATH 121 or CEGEP objective 00UP or

and differential calculus for vector valued functions. Unconstrained and constrained extremal problems. Multiple integrals including surface area and change of variables.

MATH 263 Ordinary Differential Equations for Engineers.
(3) (Section 001 (02-May-2011/02-Jun-2011)) ((3-1-5)) (Corequisite: MATH 262.) (Restrictions: Open only to students in the Faculty of Engineering. Not open to students who are taking or have taken MATH 315 or MATH 325.) First order ODEs. Second and higher order linear ODEs. Series solutions at ordinary and regular singular points. Laplace transforms. Linear systems of differential equations with a short review of linear algebra.

MATH 264 Advanced Calculus for Engineers.
(3) (Section 001 (02-May-2011/02-Jun-2011)) ((3-1-5)) (Prerequisite: MATH 262 or MATH 151 or MATH 152 or equivalent.) (Corequisite: MATH 263) (Restrictions: Open only to students in the Faculty of Engineering. Not open to students who are taking or have taken MATH 319 or MATH 375.) Review of multiple integrals. Differential and integral calculus of vector fields including the theorems of Gauss, Green, and Stokes. Introduction to partial differential equations, separation of variables, Sturm-Liouville problems, and Fourier series.

177	C5	ADAMS Building
103	C4	ARTS Building
113	A3	BEATTY Hall
124	C4	BIRKS Building
185	B5	BOOKSTORE
102	B5	BRONFMAN Building
236	B4	BROWN Student Services Building
110	C5	BURNSIDE Hall
139	D2	CURRIE Gymnasium
128	A3	DAVIS House
123	C4	DAWSON Hall
122	B4	Chancellor DAY Hall
125	D2	DOUGLAS Hall
169	D2	DUFF Medical Building
223	B3	DUGGAN Annex
127	B3	DUGGAN House
249	D4	DUROCHER, 3645
168	B3	EDUCATION Building
129	B5	FACULTY CLUB
197	C4	FERRIER Building
133	D1	GARDNER Hall
231	B4	GELBER Law Library
132	A3	HOSMER Annex
149	A3	HOSMER House
167	B4	HUGESSEN House
112	C4	JAMES Administration Building
112	C4	JAMES Annex
150	C4	LEACOCK Building
241	B3	LIFE SCIENCES Complex (Bellini Life Sciences Building, Cancer Research Building)
101	B3	LUDMER Psychiatry and Training Building
119	C5	MAASS Chemistry Building
130	C4	MACDONALD Engineering Building
118	C5	MACDONALD-HARRINGTON Building
170	C5	MACDONALD-STEWART Library Building
242	B6	MARTLET House

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